

APPLICATION FOR UNITED STATES PATENT DECLARATION AND POWER OF ATTORNEY

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name; that

I verily believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural inventors are named below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

RESISTANCE ELEMENT, METHOD OF MANUFACTURING THE SAME, AND THERMISTOR

described and claimed in the specification:

Check one

*a. ☒ attached hereto.

b. ☐ filed on _____ as Application Serial No. _____ and
amended on _____
(if applicable)

I hereby state that I have reviewed and understand the contents of the above-identified application, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose to the Office all information known to me to be material to patentability as defined in Title 37, Code of Federal Regulations, § 1.56.

Under Title 35 U.S. Code § 119, the priority benefits of the following foreign application(s) and/or United States provisional application(s) filed within one year prior to this application are hereby claimed:

Japanese Patent Application No. 2003-299230, filed on August 22, 2003

The following application(s) for patent or inventor's certificate on this invention were filed in countries foreign to the United States of America either (a) more than one year prior to this application, or (b) before the filing date of the above-named foreign priority application(s) and/or United States provisional application(s):

I hereby appoint the following as my attorneys of record with full power of substitution and revocation to prosecute this application and to transact all business in the Patent and Trademark Office:

James A. Oliff, Reg. No. 27,075; William P. Berridge, Reg. No. 30,024;

Kirk M. Hudson, Reg. No. 27,562; Thomas J. Pardini, Reg. No. 30,411;

Edward P. Walker, Reg. No. 31,450; Robert A. Miller, Reg. No. 32,771;

Mario A. Costantino, Reg. No. 33,565; and Caroline D. Dennison, Reg. No. 34,494.

ALL CORRESPONDENCE IN CONNECTION WITH THIS APPLICATION SHOULD BE SENT TO OLIFF & BERRIDGE, P.O. BOX 19928, ALEXANDRIA, VIRGINIA 22320, TELEPHONE (703) 836-6400.

I hereby declare that I have reviewed and understand the contents of this Declaration, and that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Typewritten Full Name
of Sole or First inventor:

MIHO

WATANABE

Given Name	Middle Initial	Family Name
MIHO		WATANABE

**Inventor's Signature:

MIHO WATANABE

**Date of Signature:

January	9,	2004
Month	Day	Year

Residence:

Nakai-machi

Kanagawa

Japan

City

State of Province

Country

Citizenship:

Japan

Post Office Address:

(Insert complete mailing
address, including country)

c/o Fuji Xerox Co., Ltd., 430, Sakai, Nakai-machi,
Ashigarakami-gun, Kanagawa, Japan

*This form may be executed only when attached to the specification (including claims) at the end thereof if Box a. is checked.

**Note to Inventor: Please sign name exactly as it appears above and insert the actual date of signing.

IF THERE IS MORE THAN ONE INVENTOR USE PAGE 2 AND PLACE AN "X" HERE ☒

PAGE 2 OF U.S.A. DECLARATION FORM

Typewritten Full Name
of Second Joint inventor:

Masaki

HIRAKATA

Given Name	Middle Initial	Family Name
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**Inventor's Signature:

Masaki

Hirakata

**Date of Signature:

January
Month

9,
Day

2004
Year

Residence:

Nakai-machi
City

Kanagawa
State of Province

Japan
Country

Citizenship:

Japan

Post Office Address:
(Insert Complete mailing
address, including country)

c/o Fuji Xerox Co., Ltd., 430, Sakai, Nakai-machi,
Ashigarakami-gun, Kanagawa, Japan

Typewritten Full Name
of Third Joint inventor:

Kazunori

ANAZAWA

Given Name	Middle Initial	Family Name
------------	----------------	-------------

**Inventor's Signature:

Kazunori

Anazawa

**Date of Signature:

January
Month

9,
Day

2004
Year

Residence:

Nakai-machi
City

Kanagawa
State of Province

Japan
Country

Citizenship:

Japan

Post Office Address:
(Insert Complete mailing
address, including country)

c/o Fuji Xerox Co., Ltd., 430, Sakai, Nakai-machi,
Ashigarakami-gun, Kanagawa, Japan

Typewritten Full Name
of Fourth Joint inventor:

Chikara

MANABE

Given Name	Middle Initial	Family Name
------------	----------------	-------------

**Inventor's Signature:

Chikara Manabe

**Date of Signature:

January
Month

9,
Day

2004
Year

Residence:

Nakai-machi
City

Kanagawa
State of Province

Japan
Country

Citizenship:

Japan

Post Office Address:
(Insert Complete mailing
address, including country)

c/o Fuji Xerox Co., Ltd., 430, Sakai, Nakai-machi,
Ashigarakami-gun, Kanagawa, Japan

Typewritten Full Name
of Fifth Joint inventor:

Kentaro

KISHI

Given Name	Middle Initial	Family Name
------------	----------------	-------------

**Inventor's Signature:

Kentaro

Kishi

**Date of Signature:

January
Month

9,
Day

2004
Year

Residence:

Nakai-machi
City

Kanagawa
State of Province

Japan
Country

Citizenship:

Japan

Post Office Address:
(Insert Complete mailing
address, including country)

c/o Fuji Xerox Co., Ltd., 430, Sakai, Nakai-machi,
Ashigarakami-gun, Kanagawa, Japan

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PAGE 3 OF U.S.A. DECLARATION FORM

Typewritten Full Name
of Sixth Joint inventor:

Taishi

SHIGEMATSU

Given Name	Middle Initial	Family Name
Taishi	Shigematsu	

**Inventor's Signature:

**Date of Signature:

Month	Day	Year
January	9,	2004

Residence:

Nakai-machi

Kanagawa

Japan

City

State of Province

Country

Citizenship:

Japan

Post Office Address:

(Insert Complete mailing
address, including country)

c/o Fuji Xerox Co., Ltd., 430, Sakai, Nakai-machi,
Ashigarakami-gun, Kanagawa, Japan

Typewritten Full Name
of Seventh Joint inventor:

Takashi

ISOZAKI

Given Name	Middle Initial	Family Name
Takashi	Isozaki	

**Inventor's Signature:

**Date of Signature:

Month	Day	Year
January	9,	2004

Residence:

Nakai-machi

Kanagawa

Japan

City

State of Province

Country

Citizenship:

Japan

Post Office Address:

(Insert Complete mailing
address, including country)

c/o Fuji Xerox Co., Ltd., 430, Sakai, Nakai-machi,
Ashigarakami-gun, Kanagawa, Japan

Typewritten Full Name
of Eighth Joint inventor:

Hiroyuki

WATANABE

Given Name	Middle Initial	Family Name
Hiroyuki	Watanabe	

**Inventor's Signature:

**Date of Signature:

Month	Day	Year
January	9,	2004

Residence:

Nakai-machi

Kanagawa

Japan

City

State of Province

Country

Citizenship:

Japan

Post Office Address:

(Insert Complete mailing
address, including country)

c/o Fuji Xerox Co., Ltd., 430, Sakai, Nakai-machi,
Ashigarakami-gun, Kanagawa, Japan

Typewritten Full Name
of Ninth Joint inventor:

Shigeki

OOMA

Given Name	Middle Initial	Family Name
Shigeki	Ooma	

**Inventor's Signature:

**Date of Signature:

Month	Day	Year
January	9,	2004

Residence:

Nakai-machi

Kanagawa

Japan

City

State of Province

Country

Citizenship:

Japan

Post Office Address:

(Insert Complete mailing
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PAGE 4 OF U.S.A. DECLARATION FORM

Typewritten Full Name of Tenth Joint inventor:	Shinsuke		OKADA
	Given Name	Middle Initial	Family Name
**Inventor's Signature:	<i>Shinsuke</i>		<i>Okada</i>
**Date of Signature:	January	9,	2004
	Month	Day	Year
Residence:	Nakai-machi	Kanagawa	Japan
	City	State of Province	Country
Citizenship:	Japan		
Post Office Address:	c/o Fuji Xerox Co., Ltd., 430, Sakai, Nakai-machi,		
<small>(Insert Complete mailing address, including country)</small>	Ashigarakami-gun, Kanagawa, Japan		

Typewritten Full Name of Joint inventor:			
	Given Name	Middle Initial	Family Name
**Inventor's Signature:			
**Date of Signature:			
	Month	Day	Year
Residence:			
	City	State of Province	Country
Citizenship:			
Post Office Address:			
<small>(Insert Complete mailing address, including country)</small>			

Typewritten Full Name of Joint inventor:			
	Given Name	Middle Initial	Family Name
**Inventor's Signature:			
**Date of Signature:			
	Month	Day	Year
Residence:			
	City	State of Province	Country
Citizenship:			
Post Office Address:			
<small>(Insert Complete mailing address, including country)</small>			

Typewritten Full Name of Joint inventor:			
	Given Name	Middle Initial	Family Name
**Inventor's Signature:			
**Date of Signature:			
	Month	Day	Year
Residence:			
	City	State of Province	Country
Citizenship:			
Post Office Address:			
<small>(Insert Complete mailing address, including country)</small>			

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